

# Blackline F12<sup>+</sup>

Compact, two-way passive system

## features

- ▶ Compact two-way passive system
- ▶ User rotatable 80° x 50° horn
- ▶ Top hat fitting for speaker stand mounting
- ▶ Five year limited warranty

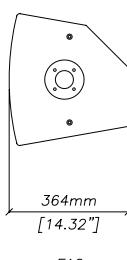
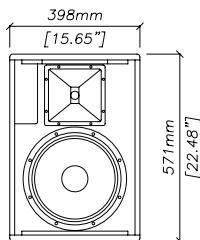
## applications

- ▶ Live club performance
- ▶ Floor monitor
- ▶ Club installs
- ▶ AV presentations

The Blackline F12<sup>+</sup> is a high power, compact two-way system with a new, vented-chassis, 12" (300mm) LF driver and a new 1" (25mm) exit compression driver mounted on a rotatable 80° x 50° constant directivity HF horn. The LF driver has a tough, water resistant cone and features a high BL motor with a flat-wire copper coil and an aluminium demodulating ring. This reduces intermodulation distortion and improves midrange performance when driven hard. Increased excursion is available by virtue of a triple roll surround and deep motor structure. The directivity of the LF driver has been matched to the HF horn in the crossover region by improved crossover design and cone profile optimisation, also the new HF compression driver utilises an ultra-lightweight Kapton diaphragm for extended high frequency response.

A Martin Audio M3<sup>+</sup> or DXI Electronic Controller is available to provide F12<sup>+</sup>/subwoofer crossover and limiter facilities.

## overall dimensions



F12<sup>+</sup>



## technical specifications

TYPE	Compact, two-way passive
FREQUENCY RESPONSE (5)	65Hz-18kHz ± 3dB -10dB @ 55Hz
DRIVERS	12" (300mm)/2.5" (63.5mm) voice coil LF driver 1" (25mm) exit HF compression driver
RATED POWER (2)	300W AES, 1200W peak
RECOMMENDED AMPLIFIER	400W-1000W into 4 ohms
SENSITIVITY (6)	97dB
MAXIMUM SPL (7)	120dB continuous, 126dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	80° horizontal, 50° vertical
CROSSOVER	2.2 kHz passive
ENCLOSURE	38 litre, multi-laminate birch ply
FINISH	Textured black paint
PROTECTIVE GRILLE	Black perforated steel
CONNECTORS	2 x Neutrik NL4
PIN CONNECTIONS	FR+- : I+,I-, Link thro': 2+,2-
FITTINGS	10 x M8, 4 x M8 threaded inserts 1 x mounting pole socket 1 x pocket handle
DIMENSIONS	(W) 398mm x (H) 571mm x (D) 365mm (W) 15.6ins x (H) 22.5ins x (D) 14.3ins
WEIGHT	21kg (46lbs)

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